

116. [NEW] The kit of any one of claims 102 through 115 in which the immobilized probes are immobilized on glass, polystyrene or teflon.

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117. [NEW] The kit of any one of claims 102 through 116 in which the label is a radioactive isotope, non-radioactive isotope or a moiety capable of emitting light.

cancel
118. [NEW] The kit of any one of claims 102 through 116 in which the label is a fluorescent dye.

119. [NEW] The kit of any one of claims 102 through 118 in which the target nucleic acid, an immobilized probe or a labeled probe comprises a modified base or a universal base.

120. [NEW] The kit of any one of claims 102 through 119 in which the oligonucleotides of the labeled probe comprise ribonucleotides.

121. [NEW] The kit of any one of claims 102 through 120 in which the oligonucleotides of the labeled probe comprise a uracil base.

REMARKS

Applicants request that the above amendment be entered in the instant application prior to substantive examination.

These claims are fully supported by the specification as filed. For example, attached herewith as Appendix A is a table showing the page and line numbers in the specification where support for the new claims may be found. Applicants submit that this amendment does not add new matter to the specification. In light of the above amendments

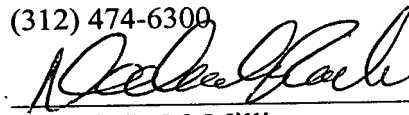
and additions, the claims presented for examination in the instant application are claims 47-121 (a clean copy of these claims is attached as Appendix B, for the Examiner's convenience). Applicants believe the presented claims are in condition for allowance and respectfully request an early indication of such favorable outcome.

Respectfully submitted,

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**APPENDIX A
CLAIMS SUPPORT CHART**

New Claim	Support: specification page(line number)
47	10(6)-11(9); 12(28)-13(13); 13(29-31); 14(4)-16(10); 16(12-28); 18(20-36); 27(13-22); Fig. 1; original Claim 1 and 10
48	10(6)-11(9); 12(28)-13(13); 13(29-31); 14(2)-16(10); 16(12-28); 17(24)-18(15); 18(20-36); 27(13-22); Fig. 1; original Claim 1 and 10
49	10(6-7); 10(10)-11(9); 12(28)-13(13); 13(29-31); 14(4)-16(10); 16(12-28); 18(25-26); 27(13-22); original Claim 1 and 10
50	13(15-27); 53(1-3)
51	53(1-3)
52	26(1)-27(11)
53	12(28)-13(27); 26(33)-27(11); original Claim 30 and 31
54	17(11-17)
55	29(22-28)
56	16(30)-17(6); FIG. 2; original Claim 33
57	17(11-17); FIG. 2; original Claim 33
58	16(30)-17(6); FIG. 2; original Claim 33
59	29(22-28)
60	18(20-36); FIG. 1; original Claim 4
61	25(7-13); 58(27-29); FIG. 1; FIG. 2C
62	58(27-30)
63	4(33)-5(1); original Claim 5
64	18(20-26); FIG. 1 and 2C
65	58(27-35)
66	4(33)-5(1); 58(27-35)
67	4(33-35); 18(20-26); FIG. 1; FIG. 2C; 58(27-35)
68	58(27-35)
69	4(33)-5(1)
70	4(33-35); 18(20-26); FIG. 1 FIG. 2C; 58(27-35)

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71	11(5-9); 27(13-22); 59(18)-60(25); original Claim 1
72	4(29-31); 16(36)-17(6); original Claim 34
73	16(36)-17(6)
74	16(36)-17(6)
75	5(33)-6(1); original Claim 14 and 22
76	20(8-16); Fig. 4
77	5(12-13); original Claim 3
78	14(18-23); original Claim 20
79	5(15-18); 5(33)-6(1); original Claim 14, 21 and 22
80	5(18-22); original Claim 14
81	14(33-34); original Claim 15
82	15(4-13); original Claim 13
83	6(1-3); original Claim 15 and 23
84	13(21-24); original Claim 32
85	4(33)-5(8); original Claim 2
86	11(24-27); original Claim 7
87	12(28-36); original Claim 8
88	9(19-23); original Claim 18 and 19
89	16(12-28); 29(34-37)
90	16(12-28); original Claim 25
91	16(12-28); 30(9-22)
92	16(12-28); 29(10-13); original Claim 24
93	13(31)-14(2)
94	13(31)-14(2); original Claim 27
95	7(27-29); original Claim 29
96	61(1)-62(22)
97	61(9-26)
98	61(20-26)
99	61(28-31)
100	61(31-34)

101	61(36)-62(22)
102	17(24)-18(15); original Claim 35; pending Claim 2
103	16(30)-17(6); 18(20-36); FIG. 1 and 2
104	16(30)-17(6); 18(20-36); 29(22-28)
105	16(30)-17(6); FIG. 2; original Claim 36
106	16(35-36); 40(21)-41(2)
107	17(24)-18(15); 25(7-13); 58(27-29); FIG. 1; FIG. 2C
108	17(24)-18(15); 58(27-35)
109	17(24)-18(15); 5(33)-6(1)
110	17(24)-18(15); 20(8-16)
111	17(24)-18(15); 6(1-3)
112	17(24)-18(15); 15(4-13)
113	18(7-9)
114	17(24)-18(15); 16(12-28)
115	17(24)-18(15); 16(12-28); 30(9-22)
116	17(24)-18(15); 16(12-28); 29(10-13)
117	18(1-7)
118	18(1-7); 13(31)-14(2)
119	7(27-29); 18(1-7)
120	18(13-15); 61(9-26)
121	18(13-15); 61(28-31)